AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-6 (canceled)

Claim 7 (currently amended): A method of providing an automatic route selection service using a service control point, the method comprising:

receiving automatic route selection service information corresponding to a service subscriber; and

operating circuitry to select ~~selecting~~ a method for implementing the automatic route selection service for the service subscriber, from a plurality of different implementation methods, as a function of type of telephone switch which serves as an end office switch for said service subscriber, a first one of the plurality of different implementation methods using a switch based automatic route selection table, a second one of the plurality of different implementation methods using a non-switch based automatic route selection table; and

incorporating automatic route selection information used to implement the selected automatic route selection method into a call processing record accessible by a service control point.

Claim 8 (original): The method of claim 7, wherein the non-switch based automatic route selection table is implemented in a service control point.

Claim 9 (currently amended): A method of providing an automatic route selection service using a service control point, the method comprising:

receiving automatic route selection service information corresponding to a service subscriber;

selecting a method for implementing the automatic route selection service for the service subscriber, from a plurality of different implementation methods, as a function of type of telephone switch which serves as an end office switch for said service subscriber, a first one of the plurality of different implementation methods using a switch based automatic route

selection table, a second one of the plurality of different implementation methods using a non-switch based automatic route selection table implemented in a service control point;

~~The method of claim 8, further comprising, following said incorporating step~~ and when said second method of implementing an automatic route selection service is selected:

operating the service control point to determine from an automatic route selection table, using call information received from a telephone switch, a telephone trunk identifier, said service control point being coupled to said telephone switch; ~~and~~

transmitting the telephone trunk identifier determined from the automatic route selection table to a telephone switch; and

incorporating automatic route selection information used to implement the selected automatic route selection method into a call processing record stored in a storage device accessible by the service control point.

Claim 10 (original): The method of claim 9,
wherein the telephone trunk identifier is a route index; and
wherein the transmitted message is one of a Forward_Call message and an Analyze_Route message.

Claim 11 (currently amended):

A method of providing an automatic route selection service using a service control point, the method comprising:

receiving automatic route selection service information corresponding to a service subscriber;

operating circuitry to select a method for implementing the automatic route selection service for the service subscriber, from a plurality of different implementation methods, as a function of type of telephone switch which serves as an end office switch for said service subscriber, ~~The method of claim 8, wherein selecting a method for implementing the automatic route selection service for the service subscriber, is further performed as a function of~~ and the complexity of the automatic route selection logic required to provide the automatic route selection service to the service subscriber, a first one of the plurality of different

implementation methods using a switch based automatic route selection table, a second one of the plurality of different implementation methods using a non-switch based automatic route selection table implemented in a service control point; and

incorporating automatic route selection information used to implement the selected automatic route selection method into a call processing record stored in a storage device accessible by a service control point.

Claims 12 (previously presented): A system for providing an automatic route selection service to an automatic route selection service subscriber, the system comprising:

a telephone switch coupled to a telephony device used by said subscriber; and

a service control point coupled to said telephone switch, the service control point including control logic used to access a non-switch based automatic route selection table as part of a service control point based automatic route selection service provided to said service subscriber, the service control point further comprising:

means for selecting a method for implementing the automatic route selection service for the service subscriber, from a plurality of different implementation methods, as a function of type of telephone switch which serves as an end office switch for said service subscriber, a first one of the plurality of different implementation methods using a switch based automatic route selection table, a second one of the plurality of different implementation methods using a non-switch based automatic route selection table.

Claims 13-19 (canceled)